

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 10:53 PM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 730 Const Calendar Day: 183 Date: 04-Dec-2012 Tuesday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 am 05:30 pm Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather****Temperature** 7 AM 50 - 60 12 PM 50 - 60 4PM 50 - 60**Precipitation** 0.00"**Condition** Mostly overcastWorking Day ☐ If no, explain:**04-0120F4 Bid Item: 067 C-SUS-SCC.067 Install Suspender Clamps, Separators, Collars**

AMERICAN BRIDGE/FLUOR, A JV

**Labor**

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	JOHN ROCA	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	GEORGE HERNANDEZ	4.00	0.00	0.00	4.00		<input type="checkbox"/>
Ironworker	JNM	HAYES BATISTE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	KELLY TULL	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	THOMAS CERVANTES	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	STANLEY DALIE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	JOSE ALFARO	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	ETHAN KENT	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	RENE ESQUIVEL	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	CARLOS ALVERADO	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	GEN	GARY ANDERSON	0.00	0.00	0.00	0.00		<input type="checkbox"/>

**Diary:**

Dispute

**Work description.** 067 C-SUS-SCC.067☐

South Sidespan Messenger Cable and Suspender Rope Clamps:

- The first task for the crew of ironworkers comprised of Ethan Kent, Jose Alfaro, and Thomas Cervantes was to temporarily place tension in the two (inboard and outboard) messenger cables on the South Sidespan terminating at panel point 32S. After this task was completed the ironworkers torqued the messenger cable U-bolts/nuts or Crosby clips to the stanchion post angle bracket along this cable. In the afternoon this crew mobilized suspender rope clamps on the South Sidespan catwalk and near panel points 10S to 34S. Towards the end of the shift this crew also installed two suspender rope clamps at 34S on the South Sidespan.

The crew of Stanley Dalie, Rene Esquivel, and Carlos Alverado started the shift patching up the hole created at 44N for the suspender clamp installation yesterday. Once this was completed these ironworkers assisted the other crew normally all under foreman Gary Anderson who is absent today with torquing messenger cable Crosby clips and mobilizing suspender rope clamps on the South Side Span. The wrench wasn't specifically labeled however the torque setting was set to 225ft-lb. The remaining portion of the afternoon was spent installing the two suspender rope clamps on the South Sidespan today at panel points



## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 730

Date: 04-Dec-2012 Tuesday

10S, 12S, and 14S.

### CCO# 269 - Stanchion Post Modifications and Re-tension Handrope (North Sidespan):

- Kelly Tull's crew spent the first part of their 10hr shift reattaching the handrope on stanchion posts at panel points 36N, 38N, and 40N which was done approximately up until lunchtime. From 12:30pm to 3:30pm the ironworkers were working on the North Sidespan messenger cable connections.

The rest of the day the ironworkers were under the direct supervision of ABF engineer Ankur Singh applying tension to the messenger cable and stanchion post handropes on the North Sidespan. Every tension applied to the handrope and messenger cable was not observed, however when I was able to look at the tension gauge the appropriate force was being applied to the cables. One other note was that the ironworkers at panel point 40 with Ankur were communicating with the ironworkers at panel point 10 to equalize tension on both ends of the cable using the tension gauge. See photos below for more details on this operation.

### North Sidespan Messenger Cable:

- Kelly Tull's crew proceeded from the CCO work to installing the U-bolts/nuts or Crosby clips to the stanchion post angle brackets at panel points 36N, 38N, and 40N. Once this task was done the ABF ironworkers torqued the messenger cable U-bolts/nuts or Crosby clips to the stanchion post angle bracket. From the South Sidespan catwalk the ironworkers were seen only applying torque until 1 click was heard/felt. The required amount of "clicks" for the torque wrench is 2, there still is time to make sure this is done since the connections need to be retightened and or verified after all electrical components are installed on the messenger cable. Only one wrench was used by the ironworkers on this span and the specific wrench/applied torque was not seen.

### Attachment



ABF ironworkers tightening the turnbuckle located at panel point 10 applying tension to the inboard handrope.



Tension gauge used by ABF engineer Ankur Singh to measure the applied force in the messenger and handrope cables today on the North Sidespan.

## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 730

Date: 04-Dec-2012

Tuesday



ABF ironworkers Ethan, Jose, and Thomas installing suspender rope clamps on the uphill suspender at panel point 34S.



Applying tension to the inboard anchorage messenger cable on the North Sidespan looking north.